

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031225\
 Data File : BN036595.D
 Acq On : 12 Mar 2025 11:38
 Operator : RC/JU
 Sample : Q1531-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D3-20250307

Quant Time: Mar 12 12:23:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

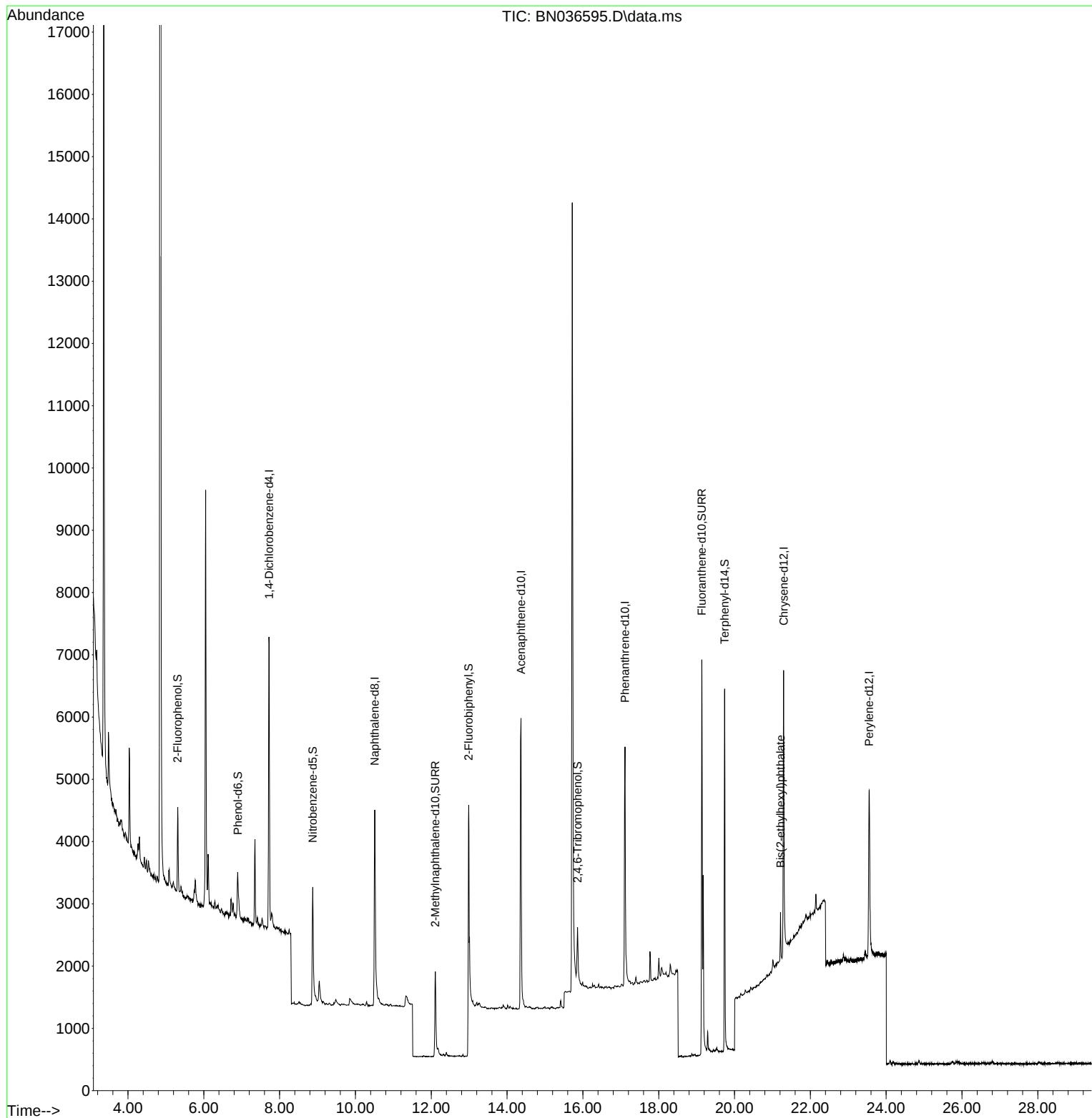
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2341	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5174	0.400	ng	0.00
13) Acenaphthene-d10	14.366	164	3132	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	6559	0.400	ng	0.00
29) Chrysene-d12	21.295	240	4896	0.400	ng	0.00
35) Perylene-d12	23.552	264	4323	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	912	0.167	ng	0.00
5) Phenol-d6	6.901	99	625	0.093	ng	0.00
8) Nitrobenzene-d5	8.875	82	1972	0.350	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2534	0.329	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	571	0.402	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	6503	0.357	ng	0.00
27) Fluoranthene-d10	19.136	212	7836	0.466	ng	0.00
31) Terphenyl-d14	19.740	244	5872	0.501	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.214	149	711	0.059	ng	Qvalue 100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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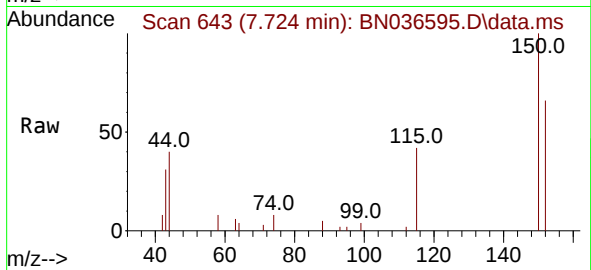
Quant Time: Mar 12 12:23:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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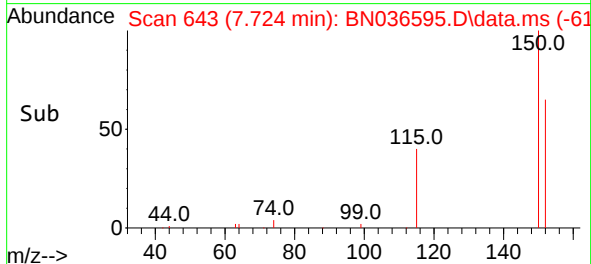
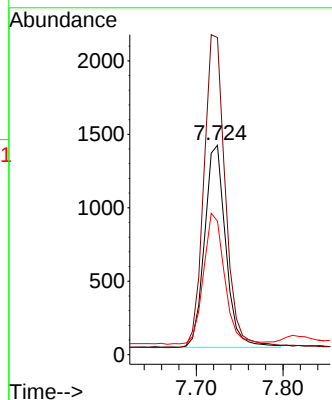
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 643
 Delta R.T. 0.000 min
 Lab File: BN036595.D
 Acq: 12 Mar 2025 11:38

Instrument :
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 RE104D3-20250307



Tgt Ion:152 Resp: 2341

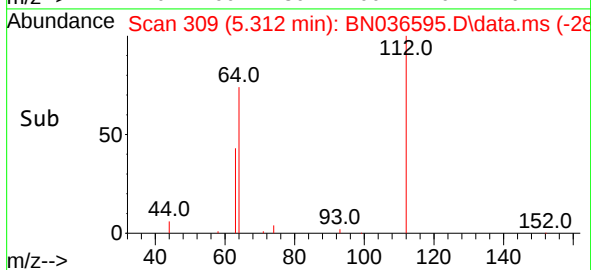
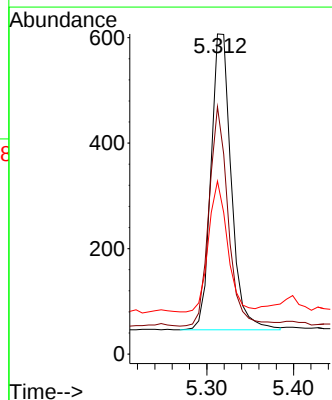
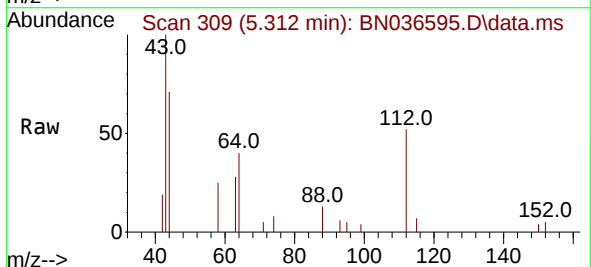
Ion	Ratio	Lower	Upper
152	100		
150	151.3	123.7	185.5
115	63.8	54.3	81.5



#4
 2-Fluorophenol
 Concen: 0.167 ng
 RT: 5.312 min Scan# 309
 Delta R.T. 0.000 min
 Lab File: BN036595.D
 Acq: 12 Mar 2025 11:38

Tgt Ion:112 Resp: 912

Ion	Ratio	Lower	Upper
112	100		
64	70.0	53.1	79.7
63	41.4	31.8	47.8

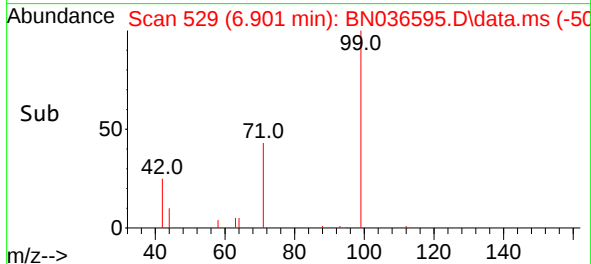
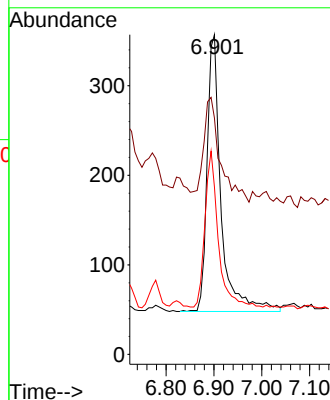
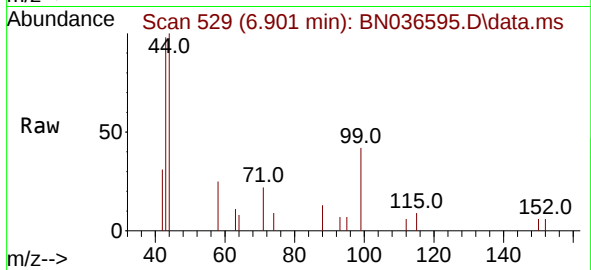




#5
Phenol-d6
Concen: 0.093 ng
RT: 6.901 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

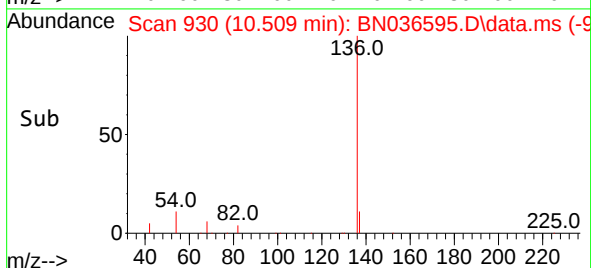
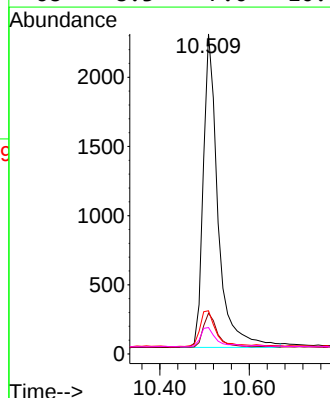
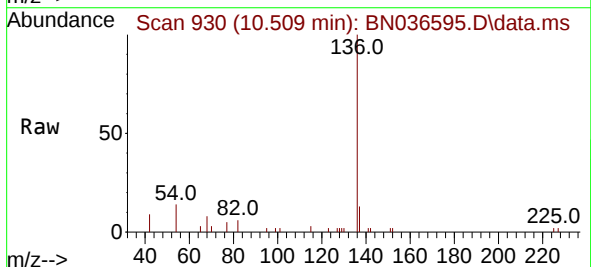
Instrument :
BNA_N
ClientSampleId :
RE104D3-20250307

Tgt Ion: 99 Resp: 625
Ion Ratio Lower Upper
99 100
42 45.9 26.5 39.7#
71 54.1 34.1 51.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

Tgt Ion: 136 Resp: 5174
Ion Ratio Lower Upper
136 100
137 12.8 10.3 15.5
54 13.5 11.5 17.3
68 8.3 7.0 10.4

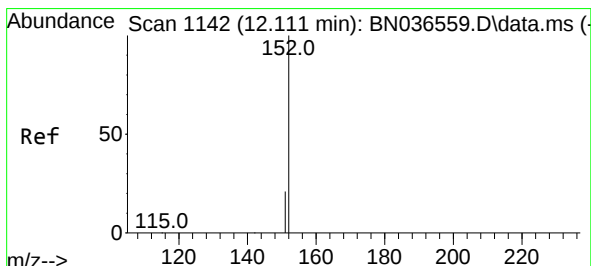
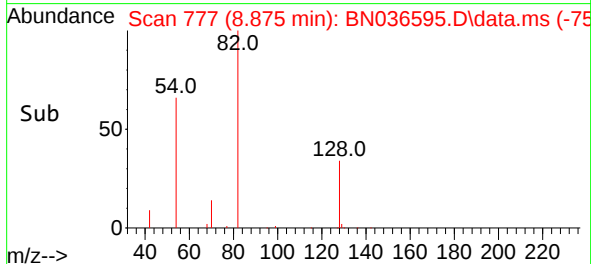
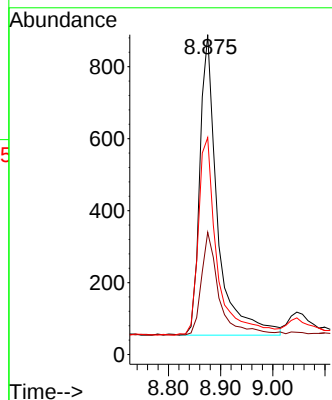
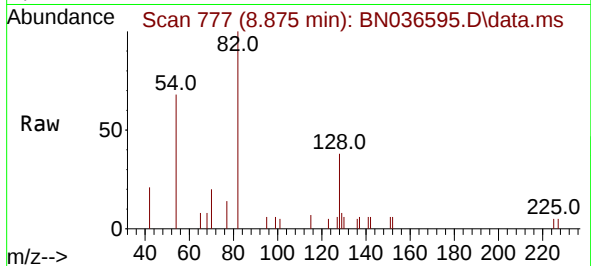




#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

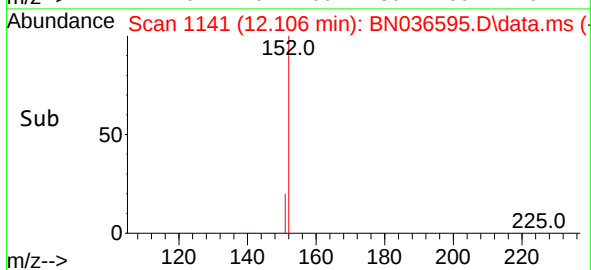
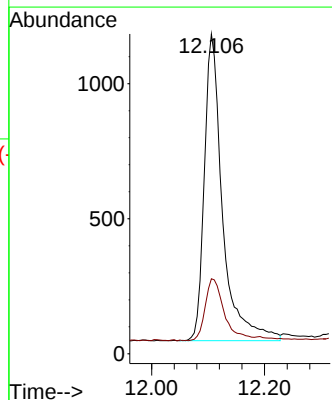
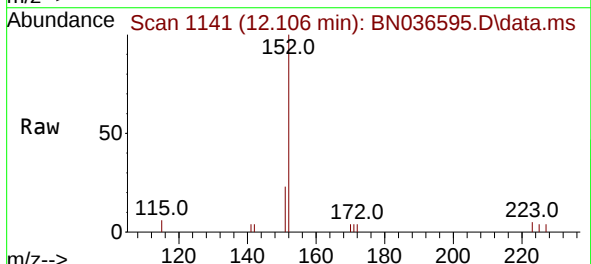
Instrument :
BNA_N
ClientSampleId :
RE104D3-20250307

Tgt Ion: 82 Resp: 1972
Ion Ratio Lower Upper
82 100
128 38.2 30.6 45.8
54 67.8 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

Tgt Ion:152 Resp: 2534
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6

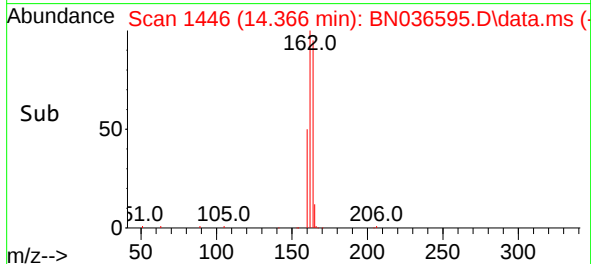
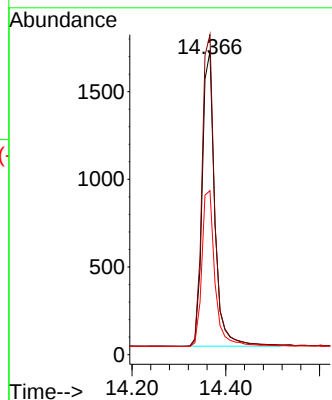
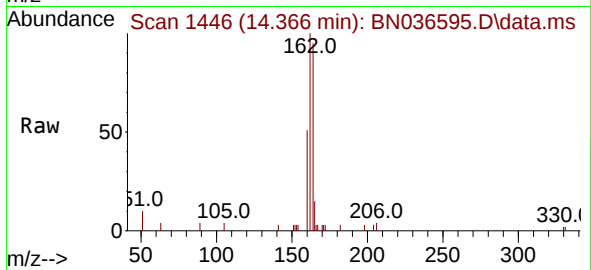




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

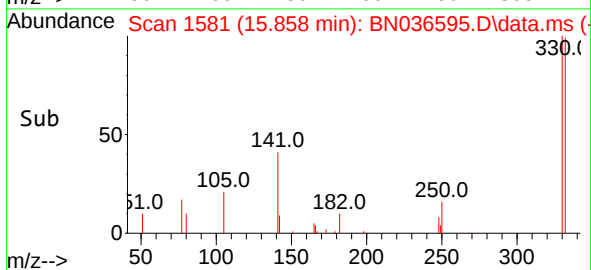
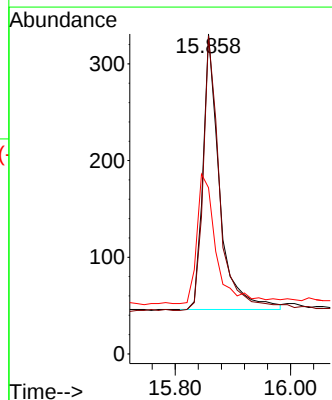
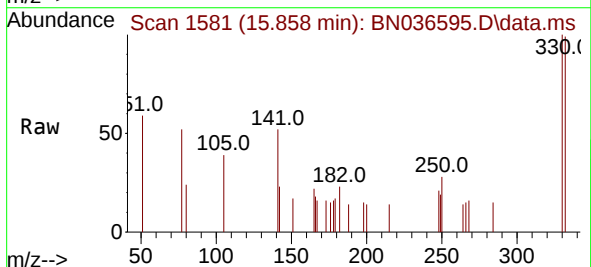
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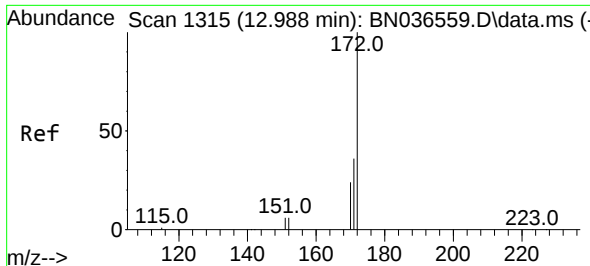
Tgt Ion:164 Resp: 3132
Ion Ratio Lower Upper
164 100
162 105.6 84.2 126.2
160 54.1 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.402 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

Tgt Ion:330 Resp: 571
Ion Ratio Lower Upper
330 100
332 100.4 75.2 112.8
141 56.4 43.4 65.2

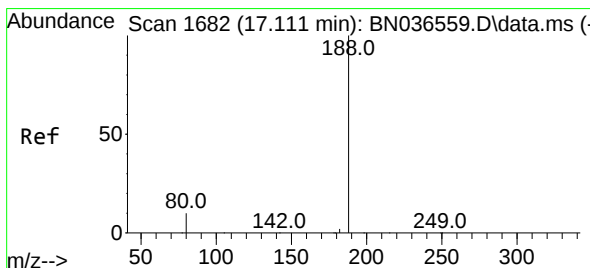
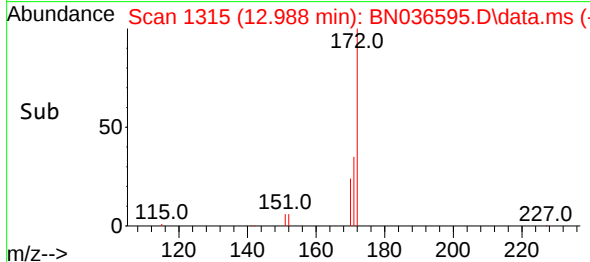
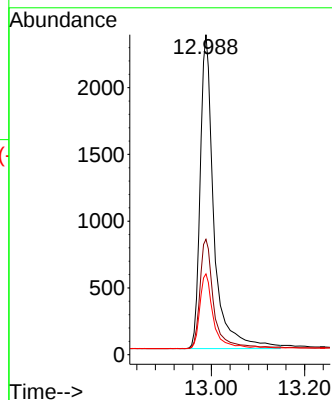
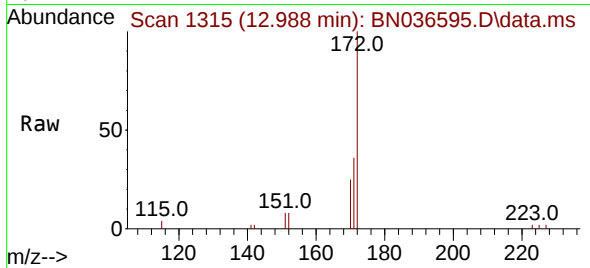




#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 12.988 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

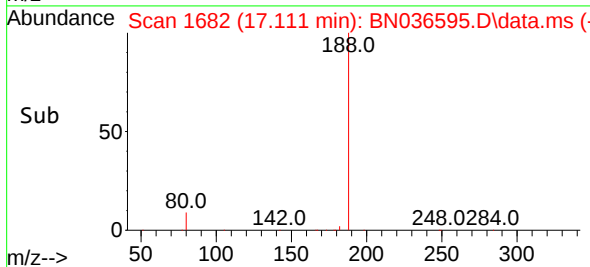
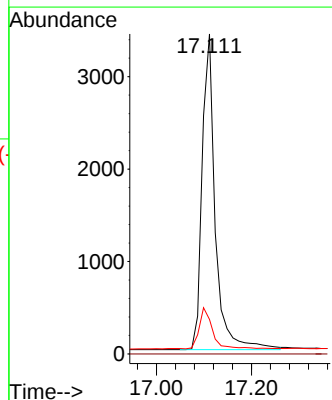
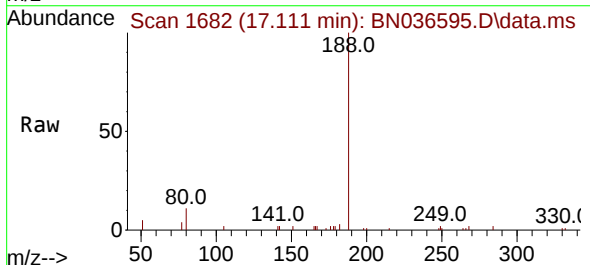
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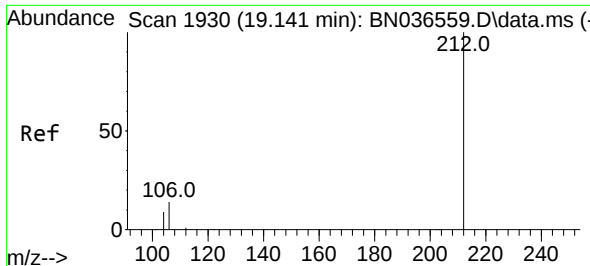
Tgt Ion:172 Resp: 6503
Ion Ratio Lower Upper
172 100
171 36.0 29.5 44.3
170 25.2 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

Tgt Ion:188 Resp: 6559
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 8.8 13.2

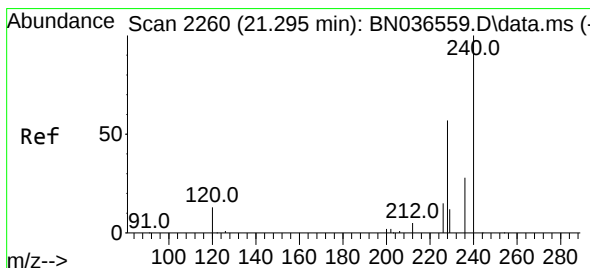
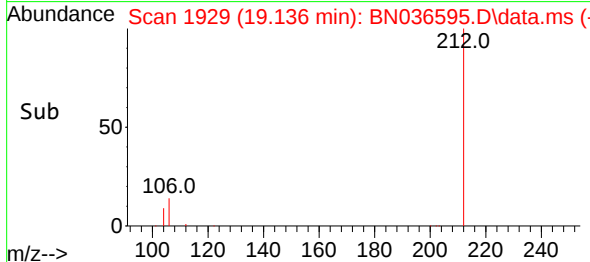
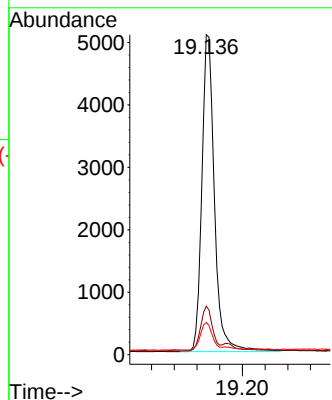
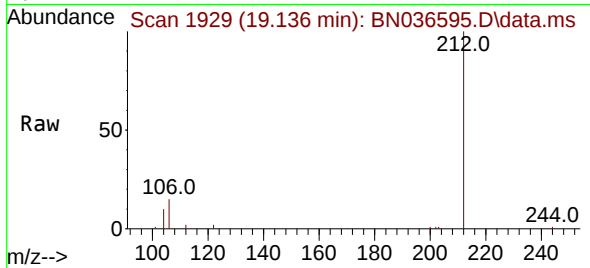




#27
Fluoranthene-d10
Concen: 0.466 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.004 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

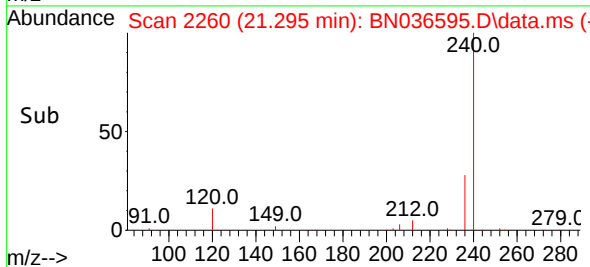
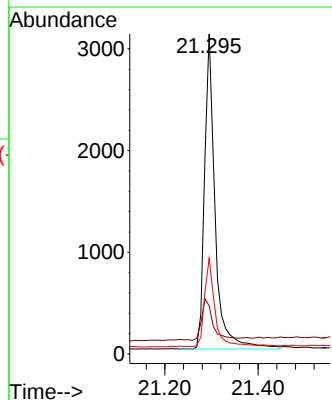
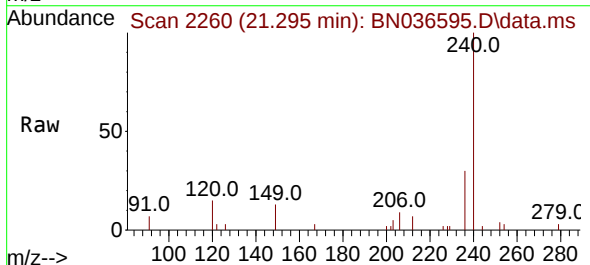
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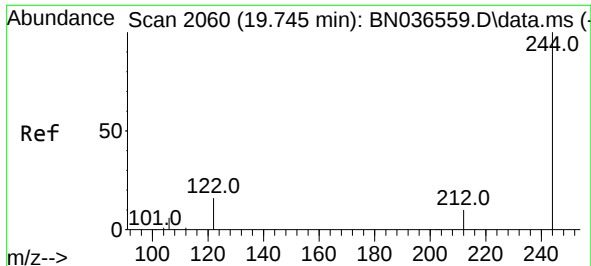
Tgt Ion:212 Resp: 7836
Ion Ratio Lower Upper
212 100
106 13.3 11.8 17.6
104 8.2 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

Tgt Ion:240 Resp: 4896
Ion Ratio Lower Upper
240 100
120 15.1 14.6 22.0
236 29.9 24.1 36.1

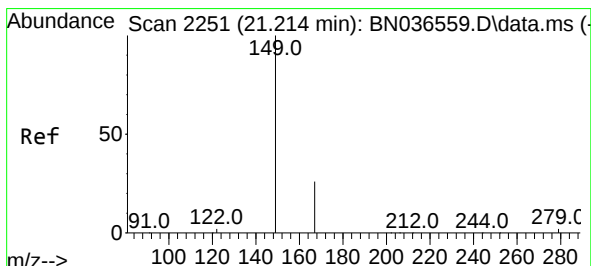
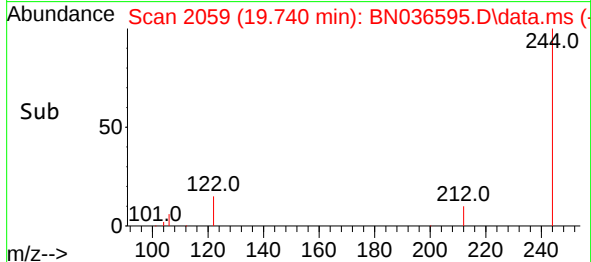
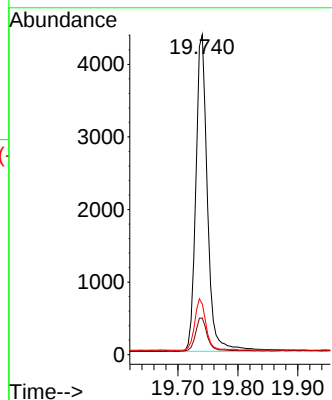
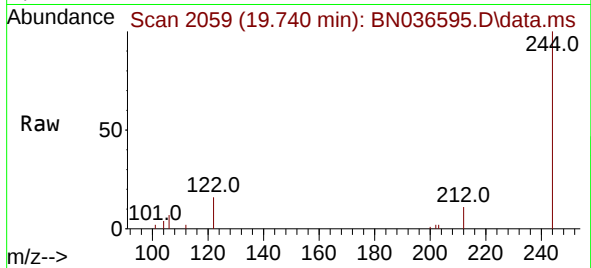




#31
 Terphenyl-d14
 Concen: 0.501 ng
 RT: 19.740 min Scan# 2060
 Delta R.T. -0.004 min
 Lab File: BN036595.D
 Acq: 12 Mar 2025 11:38

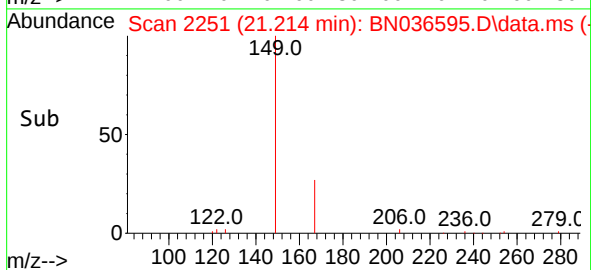
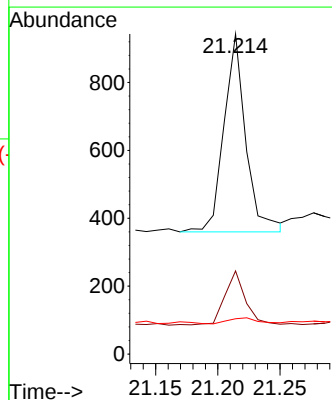
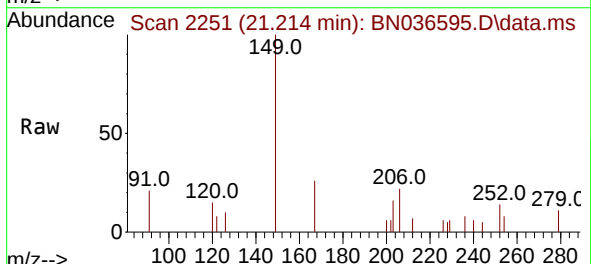
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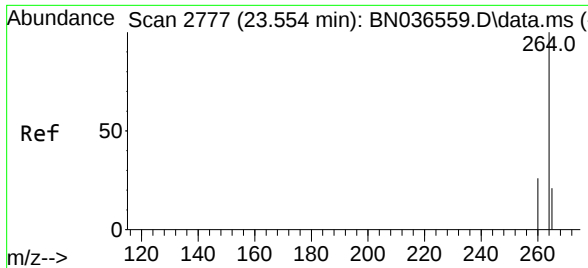
Tgt Ion:244 Resp: 5872
 Ion Ratio Lower Upper
 244 100
 212 11.5 9.6 14.4
 122 15.9 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN036595.D
 Acq: 12 Mar 2025 11:38

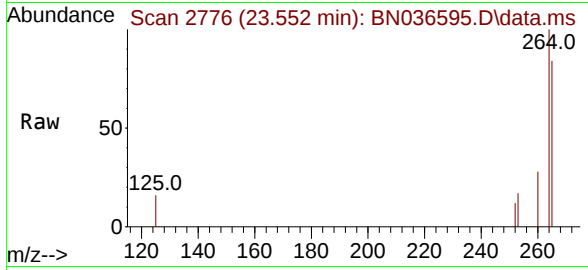
Tgt Ion:149 Resp: 711
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.7 31.1
 279 4.2 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.552 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

Instrument :
BNA_N
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Tgt Ion:264 Resp: 4323
Ion Ratio Lower Upper
264 100
260 28.1 22.6 33.8
265 84.3 88.1 132.1#

